In re Application of

Wolfgang SCHMID et al.

Serial No.:

n/a

Filed: concurrently

For:

Optically Pumped Semiconductor Laser

Apparatus

INFORMATION DISCLOSURE STATEMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08A. Copies of the listed documents are also enclosed.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

If any fees or charges are deemed required at this time in connection with the application, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted, COHEN, PONTANI, LIEBERMAN & PAVANE

Ву

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Dated: September 19, 2003

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| | | | | Application Number | | |
| INTE | ADM A TI | | DISCLOSURE | Filing Date | | |
| | | | | First Named Inventor | Wolfgang SCHMID | |
| 51A | | | APPLICANT | Art Unit | | |
| (Use as many sheets as necessary) | | | | Examiner Name | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 5367-41 | |

| U.S. PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|-------|------------------------------------------|------------------|-----------------------------|---------------------------------------------------------------------------------|--|--|--|--|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| Initials* | No. 1 | Number-Kind-Code ^{2 (if known)} | MM-DD-YYYY | Applicant of Cited Document | | | | | |
| | | US-5,748,653 | 05/05/1998 | Parker | | | | | |
| | | US-2002/0001328 | 01/03/2002 | Albrecht. | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
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| Examiner Initials* | Cite No. 1 | Foreign Patent Document Country Code ³ Number ⁴ Kind- Code ⁵ (if known | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T _e | | | |
| | | EP 1 220 392 A2 | 12/14/2001 | Clayton | | | | | |
| | | DE 100 26 734 A | 12/14/2001 | Luft | | | | | |
| | | DE 199 47 853 A1 | 04/20/2000 | Streubel | | | | | |
| | | GB 2 342 773 A | 04/19/2000 | Streubel | | | | | |
| | | WO 01/93386 A1 | 12/06/2001 | Albrecht | | | | | |
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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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| | | | | | Application Number | | |
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| INFORMATION DISCLOSURE | | | | | First Named Inventor | Wolfgang SCHMID | |
| STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | ANT | Art Unit | | |
| | (Use as many | sneets as n | ecessary) | | Examiner Name | | |
| Sheet | 2 | of | 2 | | Attorney Docket Number | 5367-41 | |

| NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of T ² | | | | | | | |
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| | No. ¹ | the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | _ | | | | |
| | | Michael D. Gerhold, et al., "Novel Design of a Hybrid-Cavity Surface- | | | | | |
| | | Emitting Laser", IEEE Journal of Quantum Electronics, Vol., 34, No. 3, pp. | | | | | |
| | | 506-511, March 1998. | +- | | | | |
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